Index of Claims

Application/Control No.

09/502,699

Examiner

Inder P. Mehra

Applicant(s)/Patent under Reexamination

GRANT ET AL.

Art Unit

2617

| √ | Rejected |
|---|----------|
|   | Allowed  |

- (Through numeral)
Cancelled
+ Restricted

Non-Elected
I Interference

A Appeal
O Objected

| Cla      | im       | im Date |                 |                         |          |                    | Claim                                   |    |               |          | Date                    |           |  |               | Cla    | aim       | Date  |            |          |         |              |                 |                |          |              |          |
|----------|----------|---------|-----------------|-------------------------|----------|--------------------|---|----|---------------|----------|-------------------------|-----------|--|---------------|--------|-----------|-------|------------|----------|---------|--------------|-----------------|----------------|----------|--------------|----------|
|          | <u>a</u> |         |                 |                         |          |                    |   |    | $ $           | ल        |                         |           |  |               |        |           | _     | <u>_</u>   |          |         |              |                 |                |          | ŀ            |          |
| Final    | Original | 8/1/06  |                 | 1 1                     |          |                    |   |    | Final         | Original |                         |           |  |               |        |           | Final | Original   |          |         |              |                 |                | ł        | ł            | 1        |
| 14       | Q        | 80      |                 | 1                       |          |                    |   |    | Œ.            | δ        |                         |           |  |               |        |           | u.    | Ö          |          |         |              |                 |                | Ì        |              |          |
| 4        | 4        | =       | -               | ++                      |          | +-+                |   | •  |               | 51       | +                       | -         | + +  | +             |        |           |       | 101        |          | +       | ├            | $\vdash$        | $\dashv$       | _        | +            | $\dashv$ |
| 2        | 2        | =       | $\vdash$        | +                       | +        | ++                 | +                                       |    |               | 52       | ╁┼                      | -         | ╁┼   | +             |        |           |       | 102        | -        | +       | ╁            |                 | $\vdash$       | $\dashv$ | +            | $\dashv$ |
| 3        | 3        | =       |                 | 1-1                     |          | ++                 | +                                       |    | <del> i</del> | 53       | ++                      |           | ++   | ++            | +      |           |       | 103        | -        | +-      | $\vdash$     | Н               | $\dashv$       | $\dashv$ | $\dashv$     | $\dashv$ |
| 4        | 4        | =       | $\vdash$        | +                       |          | ++                 | +                                       |    |               | 54       | + +                     |           | 1-1-   | +-+           | +-     |           | -     | 104        | _        | +       | $\vdash$     | Н               | $\vdash$       | $\dashv$ | $\dashv$     | ┥        |
| 5        | 5        | =       |                 | 11                      | -        | <del>      -</del> | 1                                       |    |               | 55       | $\top$                  | +-        | 11   | ++            | 1      |           |       | 105        |          | $\top$  | $\vdash$     | Н               | $\dashv$       | 寸        | 十            | ┥        |
| 6        | 6        | =       |                 | $\Box$                  |          | +                  | 1                                       | 1  |               | 56       | 11                      | <u> </u>  | 1-1-   |               |        |           |       | 106        |          | 1       | T            | П               |                | 寸        | 十            | 7        |
| 7        | 7        | Ξ       |                 |                         |          |                    |   |    |               | 57       |                         |           |  |               |        |           |       | 107        |          | 1       | ļ            |                 |                | T        | 1            | ٦        |
| 8        | 8        | =       |                 |                         |          |                    |   |    |               | 58       |                         |           |  |               |        |           |       | 108        |          |         | L.           |                 |                |          |              |          |
| 9        | 9        | =       | ot              | Ш                       |          | $\bot \bot$        |   |    |               | 59       |                         |           |  | $\perp \perp$ |        |           |       | 109        |          |         | <u> </u>     | Ш               |                |          |              | ┙        |
| 10       | 10       | =       |                 | $\downarrow \downarrow$ |          |                    | <b>_</b>                                |    |               | 60       | 11                      |           | $\perp \perp$                                    |               |        |           |       | 110        |          |         |              | Ш               |                | $\perp$  | _            | _        |
| 11       | 11       | =       | Н-              | 1                       | _        | ++                 | $\bot$                                  |    | <b></b>       | 61       | +                       |           | +  | ++            |        |           |       | 111        |          | +       | <del> </del> | Щ               | Ш              | _        | _            | 4        |
| 12       | 12       | =       | $\vdash \vdash$ | +-+                     | +        | ++                 | +                                       |    |               | 62       | +                       | +         | +  | ++            | +      |           |       | 112        |          | +       | $\vdash$     | $\vdash \vdash$ | <b></b>        |          | _            | 4        |
| 13       | 13       | =       | $\vdash\vdash$  | +-+                     | +        | ++                 | +                                       | ļ, |               | 63       | +-+                     | +         | ++   | ++            | -      |           |       | 113        |          | +       | ├-           | H               |                | $\dashv$ | +            | 4        |
| 14<br>15 | 14<br>15 | =       |                 | +                       | +        | +                  | +                                       |    | $\vdash$      | 64<br>65 | ++                      | $-\vdash$ | ++   | +-+           |        |           |       | 114<br>115 | +        | +       | ├            | $\vdash$        | $\vdash\vdash$ | +        | +            | $\dashv$ |
| 16       | 16       | =       | +               | +                       |          | ++                 | +                                       |    |               | 66       | +                       | $\dashv$  | ++   | +             | +      |           |       | 116        |          | +-      | ╁            | Н               | $\dashv$       | +        | +            | ┥        |
| 17       | 17       | =       | $\vdash$        | +                       | +        | ++                 | +                                       |    | $\vdash$      | 67       | ++                      | +         | + +  | +             | +      |           |       | 117        | -        | +-      | $\vdash$     | H               | $\dashv$       | $\dashv$ | +            | $\dashv$ |
| 18       | 18       | =       |                 | 1 1                     |          |                    | +                                       |    |               | 68       | +-+                     | +         | +  | ++            | +      |           |       | 118        | _        | +-      | ╁            | Н               | $\vdash$       | ╅        | $\dashv$     | ┪        |
| 19       | 19       | =       |                 | Ħ                       |          | 1-1-               | $\top$                                  |    |               | 69       | +                       | $\top$    | 11   | +             | +      |           |       | 119        | _        | $\top$  | <u> </u>     | Н               | $\Box$         | 十        | 十            | $\dashv$ |
| 20       | 20       | =       |                 |                         |          |                    |   |    |               | 70       | $\Box$                  |           |  |               | $\neg$ |           |       | 120        |          | $\top$  | <u> </u>     | П               |                | $\top$   | $\top$       | 7        |
| 21       | 21       | =       |                 |                         |          |                    |   |    |               | 71       | $\sqcap$                | $\top$    | $\sqcap$   | 11            | 1      |           |       | 121        |          | T       |              |                 |                |          |              | 7        |
| 22       | 22       | =       |                 |                         |          |                    |   |    |               | 72       |                         |           |  |               |        |           |       | 122        |          | Τ       |              |                 |                | $\Box$   |              |          |
| 23       | 23       | =       |                 |                         |          |                    |   |    |               | 73       |                         |           |  |               |        |           |       | 123        |          |         |              |                 |                |          |              |          |
| 24       | 24       | Ξ       |                 | $\sqcup$                | $\perp$  | 11                 |   |    |               | 74       | $\perp$                 |           | $\perp \perp$                                    | 111           |        |           |       | 124        |          | _       |              | Ш               |                |          |              | _        |
| 25       | 25       | =       |                 | $\sqcup$                | _        | 1-1-               | —                                       |    |               | 75       | $\perp \perp$           |           | <del>      .</del>                               | ++            |        |           |       | 125        | _        | _       | <u> </u>     |                 | _              | 4        | 4            | _        |
| 26       | 26<br>27 | =       |                 | $\vdash$                |          | ++                 |   |    |               | 76       |                         | $\perp$   | ++   |               | +      |           |       | 126        |          | _       | ┞—           | Н               | _              | -        | _            | 4        |
| 27<br>28 |          | =       |                 | ╁                       |          | ++                 | +                                       |    |               | 77<br>78 | +-+                     | +         | ++   | +             | +      |           |       | 127        |          | +       | <u> </u>     | Н               |                | +        | +            | 4        |
| 29       | 28<br>29 | =       |                 | 1-1                     |          | ++                 | ┿                                       |    | -             | 79       | ++                      | +         | ++   | ++            | +      |           |       | 128<br>129 |          | +       | ├            | Н               | -1             | +        | +            | -        |
| 30       | 30       | =       | _               | +                       | +        | ++-                | +-                                      |    |               | 80       | +                       | +-        | ++   | ╅             |        |           |       | 130        | -        | +       | $\vdash$     | Н               | $\dashv$       | +        | +            | -        |
| 31       | 31       | =       |                 |                         | _        | 1                  | +-                                      |    |               | 81       | ++                      | +-        | +- +-  | +             | +-     |           |       | 131        | -        | +       | $\vdash$     |                 | $\dashv$       | $\dashv$ | $\dashv$     | $\dashv$ |
| 32       | 32       | =       |                 |                         | +-       |                    | $\vdash$                                |    |               | 82       | 11                      |           | +  | 11            | +-     |           |       | 132        |          | +       | $\vdash$     | Н               | 一              | _        | 十            | ┪        |
| 33       | 33       | =       |                 | $\Box$                  |          |                    | <b>-</b>                                |    |               | 83       | $\top$                  |           |  | $\top$        | $\top$ |           |       | 133        |          | $\top$  |              |                 | 一              | 寸        | $\dashv$     | ٦        |
| 34       | 34       | ıı      |                 |                         |          |                    |   |    |               | 84       |                         |           |  |               |        |           |       | 134        |          |         |              |                 |                |          |              |          |
| 35       | 35       | 11      |                 | $\sqcup$                |          |                    | L                                       |    |               | 85       |                         |           |  |               |        |           |       | 135        |          |         |              |                 |                |          |              |          |
| 36       | 36       | =       | $\perp$         |                         |          | $\perp \perp$      | 1                                       |    |               | 86       |                         |           | $\Box$   |               |        |           |       | 136        |          |         |              |                 |                | $\bot$   | $\bot$       |          |
| 37       | 37       | =       | $\perp$         | $\sqcup$                |          | +                  | $\perp$                                 |    |               | 87       | 4-4                     | $\perp$   |  | ++            |        |           |       | 137        |          | $\perp$ | $oxed{oxed}$ | Ш               | _              |          |              | $\perp$  |
| 38       | 38       | =       |                 | $\vdash \vdash$         |          | ++                 | ┼-                                      |    |               | 88       | $\downarrow \downarrow$ | $\perp$   | <b>├</b>   | ++            | -      |           |       | 138        |          | ┿       | ļ            | $\sqcup$        | _              | $\dashv$ | $\perp$      | _        |
| 39<br>40 | 39<br>40 | =       |                 | ╀                       |          | ++                 | +                                       |    |               | 89       | +                       |           | ┼-├-   | ++            |        |           |       | 139        |          | +       | $\vdash$     | $\vdash \vdash$ | -              | $\dashv$ | +            | 4        |
| 41       | 41       | =       | +               | ╁                       | -+       | ++-                | +                                       |    |               | 90       | ++                      | +         | +  | ++            | +      |           |       | 140        |          | ╁       | $\vdash$     | $\vdash$        |                | $\dashv$ | +            | $\dashv$ |
| 41       | 42       | -       | $\dashv$        | $\vdash$                |          | ++-                | +                                       |    | <del></del>   | 91<br>92 | ++                      | +         | ++   | ++            | +      | <b> </b>  |       | 141<br>142 |          | +       | $\vdash$     | $\vdash$        | -              | $\dashv$ | +            | $\dashv$ |
| 43       | 43       | -       | $\dashv$        | +                       | -        | + +-               | +                                       |    |               | 93       | +                       | -         | $\vdash$   | ++            | +      | <br>      |       | 143        | +        | +       | $\vdash$     | $\vdash \vdash$ | -              | $\dashv$ | +            | $\dashv$ |
| 44       | 44       | =       | _               | ${\dagger}$             | +        | <del>    -</del>   | $\top$                                  |    |               | 94       | +                       | +         | ++   | ++            | +      | <br> <br> | -     | 144        | +-       | +       | $\vdash$     | $\vdash$        | $\dashv$       | $\dashv$ | +            | $\dashv$ |
| 45       | 45       | =       | $\top$          | 17                      | $\dashv$ |                    | $\top$                                  |    |               | 95       | † †                     | _         | +  | ++-           | +      | <b>l</b>  |       | 145        | $\dashv$ | +       |              |                 | $\dashv$       | $\dashv$ | _            | $\dashv$ |
| 46       | 46       | =       |                 |                         |          |                    |   |    |               | 96       | $\dagger \dagger$       | _         | <del>                                     </del> | 11            | $\top$ |           |       | 146        | $\top$   | †-      | $\Box$       | $\Box$          | 一              | $\dashv$ | $\dashv$     | 1        |
|          | 47       |         |                 |                         |          |                    |   |    |               | 97       | П                       |           | $\Box \bot$                                      |               |        |           |       | 147        |          | $\perp$ |              |                 | _†             | 丁        | 丁            | 1        |
|          | 48       |         |                 | П                       | $\Box$   |                    |   |    |               | 98       |                         |           |  |               |        |           |       | 148        |          |         |              |                 |                |          | ightharpoons | ]        |
|          | 49       | $\Box$  | $\bot$          |                         | $\bot$   | $\Box$             |   |    |               | 99       |                         |           | $\Box$   |               |        |           |       | 149        |          |         |              |                 |                |          | 1            |          |
| Ll       | 50       |         |                 | Щ                       |          |                    | لــــــــــــــــــــــــــــــــــــــ |    |               | 100      | $\perp \perp$           |           | Ш  |               |        | !!!![     |       | 150        |          |         |              |                 |                |          |              | 1        |